

Abstract of the Disclosure

A method for executing database transactions is disclosed. A plurality of interconnected nodes are each defined in terms of processor and storage resources of a parallel computing system. A first set of virtual processors is mapped across a first subset of the nodes to create a first map with at least one virtual processor being mapped to each node in the first subset. A second set of virtual processors is mapped across a second subset of the nodes to create a second map with at least one virtual processor being mapped to each node in the second subset. The first map is stored as a first configuration and the second map is stored as a second configuration. At least one transaction is executed using the first set of virtual processors and simultaneously at least one transaction is executed using the second set of virtual processors.